WORK SLIP

Government of Karnataka

Form No. PWG-45

BBMP. Dasarahalli

Estimate Amount: 50.00 Lakhs

Name of The Work: **Improvements to Cement Concrete roads at Vijayalakshmi Layout in Bagalagunte Ward No 14**

Sl	Description of Item	Unit	As per Sanction Estimate			As per Tender			Total Executed Qty	up to 125%			Above 125% more than tender Qty			Total Amount
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount	
1	2	3	4	5	6	7	8	9	10	11.00	12	13	14	15	16	17
1	Earthwork excavation by manual means in Hard Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts including Conveying the excavated earth silt, debris and over burden earth etc., to lead of 0 to 9 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of Engineer-in-charge of the work..	cum	406.08	203.78	82750.982	406.08	208.14	84521.4912		46.80	208.14	9741.00				
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed,	cum	67.68	5159.02	349162.47	67.68	5269.42	356634.3456		7.02	5269.42	36991.00				
3	Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008- i) Upto 5 m height.	cum	141.00	6965.26	982102.00	141.00	7114.32	1003119.00		16.38	7114.32	116533.00				
4	Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200	Tonne	12.47	66482.14	829032.00	12.47	67904.86	846774.00		1.29	67904.86	87597.00				
5	Providing and removing centering, shuttering, strutting, propping etc,. And removal of form work for vertical surface such as walls at any thickness, includig attached pilasters, butresses, plinth cills and string courses cost of all materials, labour complete as per specifications	Sqm	1203.20	310.58	373690.00	1203.20	317.23	381691.00		124.80	317.23	39590.00				

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6	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mmc/c bothways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials - Data rate approved by Chief Engineer, Dasarahalli zone	Sqm	338.40	1957.00	662249.00	338.40	1998.88	676421.00		35.10	1998.88	70161.00				
7	Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work..(PWD SR 2016-17, Page No.142, Item No. 19.1) including Conveying the excavated earth silt, debris and over burden earth etc., to lead of 0 to 5 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of Engineer-in-charge of the work	cum	131.60	170.92	22493.00	131.60	174.58	22975.00		179.50	174.58	31337.00	219.50	174.58	38320.00	
8	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications	Sqm	376.00	5.30	1993.00	376.00	5.41	2034.00		470.00	5.41	2543.00	670.00	5.41	3625.00	
9	Providing, laying, spreading and compacting stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. Complete as per specifications.	cum	56.40	1768.08	99720.00	56.40	1805.92	101854.00		70.50	1805.92	127317.00	100.50	1805.92	181495.00	
10	Construction of dry lean cement Concrete mix CC1:5:10 with OPC cement @160kgs, with 25mm and down size graded grnite metal coarse aggragate at 0.86cum and fine aggregates @ 0.58cum sub-base over a prepared sub-grade with (Coarse and fine aggregate conforming to IS:383) aggregate cement ratio not to exceed 15:1 Aggregat gradiation after blending to be asper Table 600-1, cement content not to be less than 160kg/cum, optimum moisture content to be determined during trail length construction, concrete strength not to less than 10Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete s per specifications	cum	56.40	3986.66	224848.00	56.40	4071.97	229659.00		70.50	4071.97	287074.00	100.50	4071.97	409233.00	

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11	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 ReaffirmecF2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate	cum	155.10	6217.96	964406.00	155.10	6351.02	985043.00		193.87	6351.02	1231272.00	276.38	6351.02	1755295.00	
12	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery,screed vibratory,power Floater,blade and disc etc., with all lead and lift	Sqm	1034.00	95.40	98644.00	1034.00	97.44	100753.00		1292.50	97.44	125941.00	1842.50	97.44	179533.00	
13	Providing groove cutting to concrete pavement for width of 5mm to 10mm and depth 80mm - 100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade, coolant, etc., including cleaning of grove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all amterials, labour, lead and lift charges and all other incidental charges as per drawing and as per	Rmt	192.50	121.90	23466.00	192.50	124.51	23968.00		240.63	124.51	29961.00	334.37	124.51	41632.00	
	TOTAL Amount				**4714556.5**			**4815446.84**				**2196058.00**			**2609133.00**	**4805191.00**

Asper Tender	**Rs.**	**4815446.84**
Asper Executiom	**Rs.**	**4805191.00**
Savings Amount	**Rs.**	**0.00**

Since the overall expendithure is leerthen the tendered amount the workslip may please aprroved

Assistant Engineer
W-14

ASSISTANT EXECUTIVE ENGINEER
T.Dasarahalli Sub-Division

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EXECUTIVE ENGINEER
Dasarahalli Division

EXECUTIVE ENGINEER - 3
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